Vehicle antenna VHF/UHF 2.7 m

PN (RN): **2036.100.36**

The antenna is designed for fixed installation on all types of wheeled and tracked vehicles. It has omnidirectional radiation pattern with vertical polarization. The wideband antenna can be used with all types of transceivers operating in VHF/UHF band, i.e. RF13, RF2050. We recommend using the antenna for installations with anticipated operation in the entire operation band and whenever several narrow-band antennas cannot be used. The antenna consists of a base and a two-element radiator. The antenna radiator includes a pull-down string which serves to tilt the antenna. Inside, the antenna is designed as a centrally fed dipole combined with a whip antenna, providing wideband operability. The radiation features and mechanical design make it possible to use the antenna as a direct replacement for previous antenna types 2036.100.69.

Technical parameters

Frequency range	30 MHz to 512 MHz
VSWR	max. 6, typ. 3.5
Nominal impedance	50 Ω
Power load	max. 50 W
Gain	-18 dBi to +3 dBi, typ. -3 dBi
Antenna height	2.7 m
Maximum weight	3.75 kg
Connector	BNC (female)
Radiator length	1.13/1.45 m
Antenna base height	245 mm (including the cap)
Operating temperature	-55 °C to +71 °C
Surface finish	polyurethane lacquer
Color	olive
Installation method	
Standard NATO	3 or 6 screws M6 on 111 mm circle

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